Technology Transfer in Agriculture: Social and Economic Aspects

augment outputs and make possible management of resources and products. Some technologies are in vogue over as longer period of time while some are changing or replaced wholly or partially by improved versions towards better use of resources or outputs. Technology is a dynamic concept thriving with betterment of technique(s) (technique is a single production method), and embodies simple technique to composite ones. Technological change simply refers to advances

in scientific knowledge. Access to and control of technologies needs investment by the producer. Decision to invest requires desire to risk taking, ability and technical know-how. Because of lack of fund, general inertia of habit nation with the existing techniques of production, farmers producers usually are not inclined to quick change in terms of adopting new technologies). Therefore, technology transfer and adoption in the farming practice encounter formidable problems in the developing countries.

Agricultural sector is yet the mainstay of Bangladesh economy. So, technological transforis a necessary pre-requisite for modernization of the sector to support sustained and increased production. But there is a general lag in adoption of improved technologies owing to lack of balanced flow of information, lack of complementary inputs/resources and lower level of formal education to perceive the potentiality of change by the decision making farmers.

Agricultural Technology

Agricultural technologies can be group into: *Indigenous technologies and *modern technologles. Indigenous technologies have been or are generated at farm level and by farmers. In the farming community there are innovative farmers who develop or modify indigenous technologies at their own and adapt in farm practices. Modern technologies have been developed largely by improving/refining the indigenous and often imported technologies or varieties by the national research institutes. In Bangladesh, the extension organizations and NGOs are devoted more to technology transfer process than to technology generation. Yield growth has been slower in Bangladesh than in her neighbouring countries indicating lower level of technological adoption and diffusion in farming practices.

Problems of Innovation

Innovation (first practical use of a new, more productive tech--nique) or appropriate technologles require substantial funding for research. Agricultural research institutes are primarily

THE humanitarian worker

ing faces and a barren, rugged

terrain. A register, megaphone

and a cup of green tea rest upon a

Bibi" and an Afghan woman in

He calls out the name "Gul

She takes a chit from him and

joins a swarm of men and women

near a truck parked a few metres

away. The women are all wearing

burqas an all-covering cloak.

When Bibi's turn comes, she is

She carries them on her head

and walks to her tent in the New

Shamshatu Camp, 35 kilometres

southeast of Peshawar. She

passes men building mud houses

and walks along lines of jerry

cans, buckets and tins guarded

by children waiting for a water

Afghans who have sought refuge

in Pakistan during the past two

months to escape internal con-

flict and drought in Afghanistan.

the 1.2 million Afghans already

living in some 220 refugee camps

in Pakistan, mostly in the North-

West Frontier Province.

James Bond

BY UN FLEMING

DRAWING BY HORAX

Bibi is one of thousands of

The latest influx is adding to

An average of 40 Afghan fami-

small table in front of him.

her fifties approaches.

handed two quilts.

tanker to arrive.

sits on a charpoy a bed woven with ropes sur-

rounded by scores of peer-

ECHNOLOGY is means to entrusted with the generahelp production activities, tion/innovation of appropriate technologies in the country. On limited scale, Agricultural Universities are also creating and generating agricultural technologles. A few large NGOs are also involved in technology development and use advance technologies for increasing income for the organizations and farmers. But technological innovation faces multi-dimensional problems which can be summed up as the

> following: a) Inadequate funding for building research institutions.

b) Shortages of skilled manpower in the existing research institutes.

c) Management of the research institutes are beset with the problems of inadequate funding, lack of accountability and to an extent, visions.

d) Weak linkages of the research institute with the extension services and NGOs.

e) Often research priorities are not demand-driven of the farming

communities. f) Lack of coordination among the research divisions/departments within the

g) Lack of coordination among the research insulties which result in duplication of work and to enhance transfer of agricultural technologies to the farmers' field. There should be greater fund allocation mation of the agricultural sector the research institutes which

wastage of limited resources. h) Over dependence on donor assistance for research funding. Continuation of research efforts get blocked after withdrawal of

donor support. i) Lack of effective people's representation (private sector) in the management of public research institutes and as a result farmers' stake is often

ignored i) Lack of cooperation/integration between national, regional and international research institutes.

k) In the liberalized economic system, national institutes are failing to cope up and advance as required in encountering the available cheap technologies penetrating the markets.

1) The emerging issue now-adays is the penetration of global corporations with biological innovation (hybrid seeds) exerting their market power to driveout or overwhelm achievements/findings of the local institutes. This may even cause longterm damage of the production potentiality of the resources.

Problem of Adoption Institutional

Research institutions lack built-in mechanisms to get feedbacks from farmers and technology users

Poor and weak linkages among the research institutions, Universities and NGOs. The God on a 1046

Important post. harvest/processing technologies (process innovations) are lacking

lies enter Pakistan daily at

Torkham border, the main cross-

boundary between Pakistan and

Afghanistan, according to the

United Nations High Commis-

Afghan refugee families 13,410

individuals in the New

Shamshatu Camp," says UNHCR

refugees do not turn up at camps,

but go straight to friends and

relatives living in Pakistan's cities

and towns, including Peshawar,

Quetta and the capital

the Afghan Commissionerate, the

that oversees refugee camps,

Officials believe many other

"So far we have settled 2,737

sioner for Refugees (UNHCR).

officer Niaz Ahmed.

Islamabad.

of the conflict.

ing on the 2,200-kilometre long

to preserve farm produces for a longer period of time to market

evenly throughout the year. Absentee land ownership is on the increase and their lands are mostly under sharecropping or often remain fallow. Both absentee landlords and sharecropping land tenants are less interested in change towards modernizations. Sharecroppers may be less efficient and less open to innovation. Social

Widespread extortion, collection of tolls, deteriorating lawand-order situation, lack of inspection goods/commodities/tools/machi nery create conditions for market failures which act as disin-

centives towards adopting new invention(s) for further improvement/augmentation of production and movement of marketables. Scattered and smallness of

holdings act as disincentive for adoption of mechanization and use of mechanical technologies Technology adopted by few

farms, while majority does not adopt, creates problem and lack

of security for the early adopters.

Absence of farm paths on the

crop fields creates problems for

movement of equip-

ment/machineries/trolley to and

There is always problem in

Large farms have usually

motivation of big and absented

diversified sources of income and

are eager to invest in capital

goods items, if at all, like irriga-

tion equipment, tillers, rice haul-

ers and mechanized boats etc.

rather than paying attention to

improving crop production prac-

tices themselves. This creates

demand for foreign capital goods

items. Large and rich farmers

want to be machinery services

providers rather than modern

agricultural production manag-

ers. Effective demand side of this

machinery services comes from

small and medium farmers who

actually with labour surplus

families can afford little to buy

such services often on cash pay-

ment and virtually create a situa-

from and around the fields.

by Dr Shamsul Alam Mohan

Agricultural research institutes, universities and the extension department must review the problems of

technology adoption and transfer under the co-ordination of apex body of the NARS and adopt programmes

from the revenue sources for core researches in the country. Thrusts should also be given to human

resources development and improving standard of education particularly at the higher level.

variation. Complementary relationship in using modern factor inputs (seeds, fertilizer, irrigation, pesticides etc) contributes to the probability of increased risk situation in terms of use and availability of all or any of the inputs in time. Farmers especially small and marginal ones are risk averse and therefore are skeptical of immediate switchover to new innovation.

Also, for many other reasons (variations in resource possessions and access to delivery systems and imperfect markets for inputs and outputs etc), technical change occurs differentially between farm households or farm communities in location and another. All modern factor inputs supplied) and need cash capital to buy which most of the small and medium farmers often cannot readily afford even if they wish to adopt. Therefore, provision of formal farm credit support is an essential ingredient of tech-

holder farming context.

Lack of information of new

innovations and mature technol-

inhibit large scale adoptions.

ogies in-time at the farmers level

Adoption and Transfer:

What is to be Done?

Linkage: Transfer of technologies

essentially requires closer liaison

of the research institutes, Univer-

services. New Agricultural Exten-

sion Policy (NAEP 1996) has

emphasized coordination of

extension representatives from

the government, non-government

organization and representatives

from research institutes at the

national level through working of

National Technical Co-ordination

Committee (NTCC) of the Depart-

ment of Agricultural Extension.

Representatives also should be

taken from the research depart-

ments of the Agricultural Univer-

sities and from the NGOs involved

in poverty alleviation

programmes. This should also be

true in forming Agricultural

sities and the field extension

Research and Extension

evaluation of devising technologies and means of quick transfer of technologies and information.

Database and Information System: Information about input (purchased), output prices, marketing opportunities, changing aggregate demand and supply every day and weekly weather forecasts etc play important role in farm production decisions. There is a need for central database at the control of Department of Agricultural Extension bearing the responsibility of dissemination of information through various media to the public. Department of Agricultural Extension can take help of the GIS support system (at BARC) for data bases on socio economic information, pass through markets (not farm soil characteristics and for other agro-climatic information according to agroecological regions. How knowledge about product prices and their marketing information influence farmers' decision about adoption of improved technologies need to be nological diffusion in the small investigated (by socioeconomic

research). Information about

inputs (seeds, irrigation water,

fertilizer, machine power etc) and

their availability is crucially

important for adopting various

technologies and enhancing

critical obstacle to succeed in the

generation and adoption of new

technologies for small-scale

producers is the absence of com-

munication and co-operation

between the various groups and

types of people whose contribu-

tions are essential: farmers,

scientists, policy makers,

extensionist, and others in the

private sector. Nowadays, radio

and television transmission has a

direct bearing on the farmers.

ciently in spreading information

(visual demonstration) on mature

technologies particularly of yield-

increasing types which have

tremendous market demand

straints for pursuing agricultural

activities. Bulletins and booklets

on specific technologies/methods

of production in Bangla could be

very useful. Farmers are eager to

produce as much as possible on a

Farm and Field Demonstra-

tions/Trials: Discipline based

technology research may prove

meagre land resource.

owing to land-scarcity con-

These media can be tapped effi-

Communication: The most

agricultural production.

seldom gets accepted by the tions with exponential increase in low quality of straw as a feed for general farmers. This is because number of users in the country. while technology is developed it Uses of mainframe computers does not take into account the and powerful micro and mini farmers' situations and the farm- computers are expanding exposhould be demonstration farms high-tech appliances in the counat each Upazila level under the try, on the other hand, technologsupervision of Agricultural ical penetration in the agriculall new varietal releases, practice and new techniques will be exhibited to the farmers. Block Supervisors (now-a-days, should be graduates with comprehensive knowledge) will have close linkage and attachments with these exhibition farms and farmers. This will help on-farm trial, motivation and quick transfer of tech-

nologies. Technology Evaluations and Monitoring: It is to be quantitatively known (by research) whether farmers have sufficient knowledge about the current status of their natural resources, for example, soil fertility status. water quality, soil microbes and bio-mass etc. Degradation of natural resources is often reported (for example, soil ero-

sion, salinity, water logging,

declining water table, shortage of

micro nutrients, deforestation

etc). It needs to be investigated

whether farmers have sufficient

knowledge about these degrada-

tion process and the benefits of

adoption of technologies to pre-

Relevant costs and benefits

must be known beforehand to

quicken the transfer process of

any technology. It is obvious and

essential that rigorous prior

economic appraisals must be

conduct before releasing any

technology or innovation which is

usually not done or inadequately

performed, if at all. For doing

prior and post economic evalua-

tions and assessing market

potentials of any new technology.

national research institutes

(concerned with agricultural

technologies) must have viable

Agricultural Economics Divi-

sions, which surprisingly, some

of the important national

research institutions like Bangla-

desh Jute Research Institute,

Bangladesh Fisheries Research

Institute, Bangladesh Institute of

Nuclear Agriculture are currently

Private Sectors: There has been

a tremendous boom in acquiring

high-tech satellite telecommuni-

cations and uses of optic fibers in

cable and cellular communica-

Involvement of Public and

vent such degradation process.

livestock herd).

ing system as a whole. There nentially. While there is uses of Extension Department wherein tural production sector has been slow, inadequate and rudimentary. Inspiring farmers towards adoption of any improved practices/technologies should first of all must ensure safe return of the invested capital and secondly early adopters should be supported by specified bank credit/NGO credit.

> Emphasis on Farming Systems Research: Farming System is understood as an interwoven mesh of soils, plants, animals, workers, other inputs and environmental influences with the strands held and manipulated by the farmer who, given his preferences and aspirations, attempts to produce outputs from the inputs and technology available to him. It is the farmer's unique understanding of his immediate environment, both natural and socioeconomic, that results in his farming system.

System research which necessitates a thorough understanding of the farmer's multi-enterprise situation and difficulties in multienterprise system, system approach ensures probability of success of technologies so developed. Farming system research comprehends farmer's problems in totality. Emphasizing farming system research approach should be the thrust policy of the and this is more imperative in a situation where there is enterprise complementarity (eg. straw as feeds for livestock) and compesuch a case development of technology for any subsystem (say, crops) may not be acceptable though within the sub-system that ensures higher productivity (one can remember initial nonacceptance of high yielding varieties of IRRI rice owing to, partly,

Design of Technologies: Agricultural productions are seasonal and glut the markets during the harvest seasons and prices plunge rapidly at the throw away level for which farmers often fail to achieve economic return or surplus that could be recycled for further investments. Appropriate post harvest technologies improving preservation methods can save farmers from the seasonal low product prices trap. Industrial policy needs to be tilted towards agro processing labour intensive industries as that can increase demand for agricultural products through multifarious mode of uses and increase of shelf-life. Import policy must fulfil this technological change requirement. In designing appropriate technologies and in Innovation efforts interest of the different size groups of farms and their requirements have to the looked into.

Market Structure Needs to

be Competitive: Preponderance of subsistence motive in farming practices make farmers rigid, risk averse and less thriving. So majority remain non-adopters in case of many technologies not by choice, but by force of circumstance. Farming for markets that is on purely commercial line has not been emerging yet even in the recently enshrined market economy policies (except a few cash crops like cotton and tobacco; jute is a well known cash crop but now-a-days its prime consideration for cultivation is jute-sticks and partly rotational obligation). agricultural research strategy for ensuring profitability for the farm products, measures should be taken to make markets competitive as farmers can get more share of consumers paid prices. If tition for alternative uses. There input and product markets is also conflict of interest and in become purely competitive, many of the social and institutional problems would relax gradually and exploitations by a few middlemen would go away.

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বাংলাদেশ রপ্তানি প্রক্রিয়াকরণ এলাকা কর্তপক্ষ

২২২. নিউ ইস্কাটন রোড, ঢাকা-১০০০

বেপজা/প্রশাসন/সাঃ সেবা-৮০/২০০০(১)/২২১

তারিখঃ ২০-১১-২০০০ইং

সংক্ষিপ্ত দরপত্র বিজ্ঞপ্তি

বাংলাদেশ রপ্তানি প্রক্রিয়াকরণ এলাকা কর্তপক্ষের দাপ্তরিক ব্যবহার ও বিনিয়োগ উনুয়নের লক্ষ্যে ২০০১ সালের দেয়াল ক্যালেভার, ডেস্ক ক্যালেভার ও ডায়েরী মুদ্রণের জন্য প্রকৃত মুদ্রণকারী/বিজ্ঞাপনী প্রতিষ্ঠানের কাছ হইতে সীলমোহরকৃত দরপত্র আহ্বান করা যাইতেছে। আগামী ২৬-১১-২০০০ইং তারিখ পর্যন্ত অফিস চলাকালীন সময়ে বেপজা নির্বাহী দত্তর, ২২২, নিউ ইস্কার্টন রোড, ঢাকা হইতে টাকা ৫০০/- (পাঁচশত মাত্র) অফেরতযোগ্য মূল্যে দরপত্রের সিডিউল কেনা যাইবে। আগামী ২৭-১১-২০০০ইং তারিখ দুপুর ১২-০০টায় সহকারী ব্যবস্থাপক (প্রশাসন ও দায়িত্পাপ্ত কর্মকর্তা (সাঃ সেবা) শাখায় রক্ষিত টেভার বাব্লে দরপত্র ফেলা যাইবে। একই দিন ১২-৩০ টায় দরপত্রদাতাদের উপস্থিতিতে (যদি কেউ উপস্থিত থাকেন) দরপত্র খোলা হইবে। দরপত্রের সঙ্গে উদ্ধৃত মূল্যের ২.৫% হারে (ফেরতযোগ্য) আর্নেস্টমানি যে কোন তফসিলি ব্যাংক হইতে বাংলাদেশ রপ্তানি প্রক্রিয়াকরণ এলাকা কর্তপক্ষের অনুকূলে পে-অর্ডার/ব্যাংক ড্রাফট দাখিল করিতে হইবে। নির্ধারিত আর্নেস্টমানি ছাড়া কোন দরপত্র গ্রহণ করা হইবে না। দরপত্রের সাথে ট্রেড লাইসেন, ইনকাম ট্যাক্স সার্টিফিকেট, মুদ্রণ সংস্থার লোকবল এবং যন্ত্রপাতির তালিকা, অভিজ্ঞতার প্রত্যায়নপত্র ও এই সংশ্লিষ্ট পূর্ব কাজের নমুনা ইত্যাদি জমা দিতে হইবে। বেপজা কর্তপক্ষ যে কোন দরপত্র অথবা সকল দরপত্র বাতিল করিতে পারিবেন।

জিডি-১০৭৩

বাংলাদেশ রপ্তানি প্রক্রিয়াকরণ এলাকা কর্তপক

uncertainly. Biological technolo-(National Agricultural Research gies congenial to increased pro-System), BARC should be entrusted with the task of assess-

Economic

gies/practices accrue risk and ductivity are also considered risky in terms of likely high vield

tion of technological static. Technical Committees (each covering a number of districts in each agroecological region) of the Adoption of new technolo-Extension Department. As an apex institution of the NARS

Intensified fighting between the ruling Taliban government and the opposition, coupled with drought, have forced

thousands of Afghans to flee their homeland. Many spill into Pakistan, where aid agencies are struggling to cope with

the influx. Gemini News Service reports from one refugee camp where the aid is as sparse as the terrain.

excellent on station and even in ment of availability, requirement, the trial of farmers' field, but Forgotten People Struggle to Live on Trickle of Aid and Water

Afghan refugees is low. The UNHCR budget for Pakistan's refugee camps this year is \$12 million, which provides emergency rations for new arrivals only. "Funding for Afghan refugees has generally declined since the end of the Cold War, notes UNHCR official Roy Herrmann.

with her three sons and daughter in New Shamshatu Camp, she

was given a tarpaulin, a jerry can.

100 kilograms of flour, 12 kilo-

grams of pulses and five kilo-

Arabia and the United Arab grams of edible oil, the monthly Emirates. quota. Today, Iran and Pakistan jointly host 2.6 million Afghan refugees including some who fled Afghanistan when the Soviet

land in 1979 in what became a decade-long occupation. Some 35 per cent of current Monitors from the UNHCR and refugees left to escape the drought in southern Afghanistan,

Union marched into their home-

from the country. The Taliban,

government of Burhanuddin

Rabbani in 1996, is only recog-

nised as Afghanistan's legal

government by Pakistan, Saudi

the most serious in 30 years, government body in Pakistan which has affected half the counreport that 40 per cent of new try's 20 million people. Since 1992, some 1.85 million

arrivals fled Afghanistan because Afghan refugees in Pakistan have Ongoing fighting between the returned home. The UNHCR Taliban, the Islamic militia group aimed to repatriate around 100,000 refugees through the that controls 95 per cent of Afghanistan, and its political Commissionerate this year, but opponents has complicated inter- so far have only been able to national aid and driven Afghans return around 48,000.

Nadeem Yaqub writes from Peshawar The plight of the fresh refugees is stretching already strained humanitarian efforts at a time When Bibi, a widow, arrived when international interest in which overthrew the former

> Bibi says it is not enough. 'We have nothing, not even enough water to use," she says. adding that she has to fetch twigs

to use as fuel for cooking. Young Khan Shirin, who is in a wheelchair after losing his legs in a landmine accident two years ago, adds: "We are not getting enough food and water, we have no sugar, tea or milk.'

He also complains that they have no utensils for cooking or eating.

The UNHCR operates health clinics, water facilities and primary level education programmes in Pakistan's refugee camps, and depends heavily on the World Food Programme for other assistance.

Bangladesh Agricultural **Development Corporation**

lacking.

"Krishi Bhaban" 49-51, Dilkusha Commercial Area, Dhaka-1000 (Purchase Division)

Local Tender Notice 1-Seed (P)168/2000-2001, dt: 13.11.2000

& date A. Lot-1: Seed Cleaner cum 2 Units. Description of stores Grader Lot-2: Seed Dryer Lot-3: Bag Sewing Machine Lot-4: Seed Germinator Lot-5: Seed Testing

Equipments: 3 Units. Torsion Balance Scale Triple Beam Balance Purity Board Seed Divider (v) Seed Trier & Sampler (12+6)

(vi) Seed Blower Name of Project

documents (nonrefundable) Last date of selling of tender documents

Sale price of tender

submission of tender Date & time of opening of tender Place of submission

Place of opening of

Strengthening of quality seed production programme. Tk 2,500/- (Taka two thousand five hundred) only.

11.12.2000 during office hours.

12.12.2000 at 12-00 hours.

12.12.2000 at 12-05 hours. Tender box kept in front of the

Purchase Division (3rd floor), 49-51, Dilkusha C/A, Dhaka-1000. In the office room of the (Purchase)-1 Manager Purchase Division, BADC, Krishi Bhaban (3rd floor), 49-51, Dilkusha C/A, Dhaka-1000.

10. Source of fund N.B:

G-2041

of tender

1) Tender documents can be purchased on cash payment on all working days during office hours from the Cash Section of Accounts Division (3rd floor), BADC, Krishi Bhaban, 49-51, Dilkusha C/A, Dhaka-1000.

GOB.

2) Tender documents will not be sold on the date of closing & opening of tender. 3) No bid or part thereof will be accepted after closing of the

tender. Abdul Gafur Khan ADC-1444

Manager (Purchase)-1 DFP-27932-16/11 BADC, Dhaka.



णका विश्वविम्यानय ध्यम তালিকাভুক্তিকরণ বিজ্ঞপ্তি

এতদারা ঢাকা বিশ্ববিদ্যালয় প্রেসের নিম্নোক্ত কাজের জন্য অত্র প্রেসে তালিকাভুক্তিতে আগ্রহী প্রকৃত ব্যবসায়ী ফার্মের নিকট হইতে "তালিকাভুক্তির আবেদন" পত্র আহ্বান করা যাইতেছেঃ ১। সীসা, ছাপার কালি, মনোম্পুল পেপার, রুলার কম্পোজিশন, রাবার

রুলার ইত্যাদি অত্র প্রেসে সরবরাহ-এর জন্য "সরবরাহকারী ফার্ম" হিসাবে তালিকাভুক্তির জন্য আবেদন। ২। পেপার কাটিংস, অফকাট, রীমের ছেঁড়া কভার কাগজ, ছাপা মেশিনের

খাস্তা কাগজ, ব্যবহৃত স্পুল পেপার, সীসার ছাই ইত্যাদি অত্র প্রেস হইতে খরিদের জন্য "ক্রয়কারী ফার্ম" হিসাবে তালিকাভুক্তির জন্য ৩। প্রেসের বিভিন্ন প্রকার ছাপা-বাধাই মেশিনে ও মেশিনের যদ্রাংশ

মেরামত করার জন্য "মেরামতকারী ফার্ম" হিসাবে তালিকাভুক্তির জন্য

উপরের ক্রমিক ১, ২ ও ৩ নং-এ বর্ণিত কাজের জন্য প্রকৃত ছাপাখানার সাম্ম্রী সরবরাহকারী, ক্রয়কারী ও মেরামতকারী ফার্ম হিসাবে অত্র প্রেসে তালিকাভুক্তিতে আগ্রহী প্রতিষ্ঠিত ব্যবসায়ী প্রতিষ্ঠানের নিকট হইতে প্যাডে আবেদনপত্র আহ্বান করা যাইতেছেঃ

শর্তাবলী

১। কর্তপক্ষ কর্তক অনুমোদনের তারিখ হইতে দুই বৎসরের জন্য তালিকাভুক্তির মেয়াদ বহাল থাকিবে।

২। কোন ফার্ম একাধিক কাজের জন্য তালিকাভুক্তির আবেদন করিতে চাহিলে ভিন্ন ভিন্নভাবে আবেদনপত্র পেশ করিতে হইবে। একই আবেদনপত্রে একাধিক কাজের জন্য তালিকাভুক্তির আবেদন গ্রহণযোগ্য নয়। খামের উপর কাজের নাম উল্লেখ করিতে হইবে।

৩। আবেদনপত্রের সাথে ট্রেড লাইসেন্স, ভ্যাট রেজিঃ সার্টিফিকেট, ব্যাংক সলভেন্ট সার্টিফিকেট ইত্যাদির সত্যায়িত কপি সংযুক্ত করিয়া পাঠাইতে হইবে।

৪। তালিকাভুজির জন্য বাছাইকত ফার্মকে জামানত বাবদ ৫০০/= (পাঁচশত) টাকা "রেজিস্ট্রার, ঢাকা বিশ্ববিদ্যালয়" এর অনুকূলে নির্ধারিত সময়ের জন্য জমা রাখিতে হইবে। একই ফার্ম একাধিক কাজের জন্য তালিকাভুক্তির আবেদন-এর ক্ষেত্রে একটি জামানত দিলেই চলিবে।

ে। সীলমোহরকৃত আবেদনপত্র ০৭-১২-২০০০ তারিখ বা তৎপূর্বে ব্যবস্থাপক, ঢাকা বিশ্ববিদ্যালয় প্রেস-এর দপ্তরে পৌছাইতে হইবে।

৬। প্রতিদিন অফিস চলাকালীন সময়ে (শনি-বুধঃ সকাল ১০১০০-৪১৩০। টা এবং বৃহঃ সকাল ১০ঃ০০-১ঃ০০টা) অত্র দপ্তরে আসিয়া যে সকল দ্রব্যাদি সরবরাহ, ক্রয় ও মেশিনাদি মেরামত-এর কাজ করিতে হইবে তাহা দেখা যাইতে পারে।

৭। অসম্পূর্ণ আবেদনপত্র গ্রহণযোগ্য নহে।

কোন কারণ না দর্শাইয়া যে কোন আবেদনপত্র গ্রহণ বা বর্জন করিবার ক্ষমতা কর্তপক্ষ কর্তক সংরক্ষিত থাকিবে।

ব্যবস্থাপক (ভারপ্রাপ্ত)

জিডি-১০৭৪

ঢাকা বিশ্ববিদ্যালয় প্রেস।

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